

State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A
Former Agency Name: Los Angeles County Department of Public Works (Prior to 7/1/2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Mr. Tim Smith	Case No.: TT13365-13706

Case Information

USTCF Claim No.: None	Global ID: T0603706128
Site Name: Caltrans Maintenance Station	Site Address: 44023 Sierra Highway Lancaster, CA 93534 (Site)
Responsible Party: California Department of Transportation, Maintenance Branch, Hazmat	Address: 120 South Spring Street Los Angeles, CA 90012-3602
USTCF Expenditures to Date: N/A	Number of Years Case Open: 13

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603706128

Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The unauthorized release was discovered during the removal of one 6,000 gallon diesel underground storage tank (UST), one 10,000 gallon gasoline UST, dispensers, and associated product piping from the Site on, September 28, 1998. Soil samples were collected from beneath the fuel dispensers, product piping, and the ends of the USTs. Minor petroleum hydrocarbon concentrations were identified beneath the dispenser island and one of the USTs. The site currently operates as a maintenance facility with active fueling operations. Currently fuel is stored at the Site in an above ground storage tank.

Groundwater was not encountered during UST removal; however, depth to water is estimated to be 80 feet below ground surface (bgs). The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Remedial actions have been implemented and further corrective action

Caltrans Maintenance Station
44023 Sierra Highway, Lancaster, Los Angeles County

will not likely change the conceptual site model. Any remaining petroleum constituents do not pose significant risk to human health, safety, or the environment.

Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – **SITE RELEASES HAVE NOT LIKELY AFFECTED GROUNDWATER**. There are not sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria in the Policy.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **EXEMPTION**. Exposure to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERIA (3) a**. Maximum concentrations of residual petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations in soil meet the thresholds in Table 1 and the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if present, exceed the threshold.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and the environment and is consistent with Chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control, and the applicable water quality control plan, and case closure is recommended.



George Lockwood, PE No. 59556
Senior Water Resource Control Engineer

3/19/14

Date